



Meeting of the Academic Senate

Tuesday, October 3, 2017

UU 220, 3:10 to 5:00 pm

I. **Minutes:** Approval of September 8, 2017 Academic Senate Retreat minutes: (pp. 3-4).

II. **Communication(s) and Announcement(s):** none.

III. **Reports:**

A. Academic Senate Chair: **Orientation for new senators.**

B. President's Office:

C. Provost:

D. Vice President for Student Affairs:

E. Statewide Senate:

F. CFA:

G. ASI:

IV. **Consent Agenda:**

Program Name or Course Number, Title	ASCC recommendation/ Other	Academic Senate	Provost
IME 424 Industrial Engineering in Healthcare (4), 4 lectures	Reviewed and recommended for approval 6/8/17.	On 10/3/17 consent agenda.	
POLS 111 California Constitution and Government (1), 1 lecture (existing course proposed to be offered online)	Recommended for approval by GE Governance Board 5/16/17. Reviewed and recommended for approval by ASCC 5/25/17.	On 10/3/17 consent agenda.	
M.A. Curriculum and Instruction (elevate program from Curriculum and Instruction specialization in M.A. Education)	Reviewed 6/1/17; additional information requested from School of Education. Recommended for approval 6/8/17.	On 10/3/17 consent agenda.	
M.A. Educational Leadership and Administration (elevate program from Educational Leadership and Administration specialization in M.A. Education)	Reviewed 6/1/17; additional information requested from School of Education. Recommended for approval 6/8/17.	On 10/3/17 consent agenda.	
M.S. Higher Education Counseling/Student Affairs (elevate program from Counseling and Guidance specialization in M.A. Education)	Reviewed 6/1/17; additional information requested from School of Education. Recommended for approval 6/8/17.	On 10/3/17 consent agenda.	
M.S. Special Education (elevate program from Special Education specialization in M.A. Education)	Reviewed 6/1/17; additional information requested from School of Education. Recommended for approval 6/8/17.	On 10/3/17 consent agenda.	

V. **Special Reports:**

- A. **[TIME CERTAIN 4 P.M.] Presentation on CASS (Collaborative Advising for Student Success) Council** by Beth Merritt Miller, Assistant Vice Provost, University Advising.

VI. **Business Item(s):**

- A. **Resolution on Graduate Blended Program Policies:** Richard Savage, Dean of Graduate Education, first reading (pp. 5-13).

VII. **Discussion Item(s):**

VIII. **Adjournment:**



**Academic Senate Retreat
GE Program at Cal Poly
Friday, September 8, 2017
UU 220, 1:30 to 5:00pm**

- I. **Welcome (Stegner):**
Dustin Stegner, Chair of the Academic Senate, welcomed the senators and attendees, and laid out the agenda for the duration of the retreat.
- II. **Provost's Report (Enz Finken):**
Kathleen Enz Finken, Provost and Executive Vice President for Academic Affairs, reported that new general education policies are coming out of the Chancellor's Office and there is a need to ensure that Cal Poly programs are in sync with that. Enz Finken announced that Al Liddicoat has been promoted to Vice Provost for Academic Affairs and Personnel, as well as Chris Kitts, Biological Science Department, serving as the interim Dean of Research. With regards to the budget, Enz Finken addressed that the university has tremendous financial needs but that one million base dollars have been committed to hiring tenure track faculty across campus. The block scheduling has gone well for the incoming first year students, with the average course load at 15.23 units.
- III. **Provost Q&A (Enz Finken):**
Provost Enz Finken answered questions on the target number of new students for the next academic year and the General Education program review.
- IV. **Presentation: The General Education Program at Cal Poly (Helmbrecht, Morris, Fiegel)**
Brenda Helmbrecht, Chair of GE Governance Board, reported that the GEGB approved 95% of course proposals the committee reviewed in the 2016-2017 academic year. Helmbrecht addressed that GE faces perception issues and reviewers recommend connecting the GE courses to programs through incorporating "Learn by Doing" pedagogies. With regards to the relationship between the GEGB and GE Task Force, a Memorandum of Understanding has been created and is available per request from the Academic Senate Office. Andrew Morris, Co-Chair of the GE Task Force, reported that the GE Task Force has engaged in 28 meetings researching experiences in GE as well as ways to improve the program. Morris explained that the goal of the task force is to revise the GE mission statement so that it reflects the goals of the university. Gregg Fiegel, Co-Chair of the GE Task Force, shared that the task force has spent two quarters in deep investigation, outreach, and research on best practices from other campuses in order to present recommendations to the Provost and Academic Senate in the Winter Quarter.

V. **General Education Q&A (Helmbrecht, Morris, and Fiegel)**

GEGB Chair Helmbrecht and GE Task Force Co-Chairs Morris and Fiegel answered questions on Executive Order 1100: CSU General Education Breadth Requirements, the GEGB's timeline, implementation of a semester system, and changing GE mindsets and impressions.

VI. **Discussion: The Future of General Education at Cal Poly (Stegner)**

The senators and attendees participated in a breakout session on Cal Poly's current General Education Program and opportunities on improving it, with access to the GE Self Study. Ideas and conversation that emerged from the breakout session include:

- Need for meaningful pathways in classes
- GE used to be simpler, but now labyrinth-like
- Instructors who are well-versed and find enjoyment in their subject make GE simpler
- More Learn by Doing and interdisciplinary expectations
- Technical disciplines should offer more technical GEs
- Points-based GE system
- Personalized themes/packaged GE courses

The data from the breakout session is available per request from the Academic Senate Office.

Submitted by,



Denise Hensley
Academic Senate Student Assistant

Adopted:

**ACADEMIC SENATE
Of
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, CA**

AS-__-17

RESOLUTION ON GRADUATE BLENDED PROGRAM POLICIES

- 1 WHEREAS, Coded Memo AA-2012-01 establishes policies pertaining to CSU
2 graduate degree programs offering simultaneous matriculation or
3 Blended Bachelor's and Master's degree programs; and
4
- 5 WHEREAS, AA-2012-01 provides that issues not addressed in the memorandum
6 shall be determined at the campus level; and
7
- 8 WHEREAS, The purpose of the blended program (AA-2012-01) is to provide an
9 accelerated pathway from a bachelor's to a master's degree and to
10 enhance the undergraduate learning experience; and
11
- 12 WHEREAS, Under Title V, a minimum of 225 total units are required (Bachelor's
13 180 + Master's 45) for receiving a combined (blended) degree;
14 therefore be it
15
- 16 RESOLVED: That the Academic Senate approve the attached Policy on Blended
17 Programs.

Proposed by: Academic Senate Curriculum
Committee and Richard Savage,
Dean of Graduate Education

Date: May 4, 2017

POLICY ON BLENDED PROGRAMS

ADMISSION to BLENDED PROGRAM

Students may be admitted to a blended program in their third or fourth year of undergraduate study. Admission recommendation is determined at the program level with final approval from the Graduate Education Dean. The student must submit an Admission to Blended Program Approval form. The specific requirements for admission are set by the program with approval by the Graduate Education Office and Office of the Registrar. Once accepted, students may take graduate-level courses towards master's degree requirements, as their schedules permit, provided they have the course prerequisites.

TRANSITION to GRADUATE STANDING

Students admitted to the blended program will maintain their undergraduate status until they have reached a minimum of 180 or a maximum of 196 degree applicable units towards their undergraduate degree. By the end of the first academic term in which the student has earned the appropriate degree applicable units, the student must file a post-baccalaureate change of degree objective (PBCO) form and once processed will transition to graduate status and incur the appropriate increase in tuition fees. Students must be at graduate status for a minimum of two quarters before degree completion.

DOUBLE COUNTING UNITS

A student may apply any units that are in excess of the 180 undergraduate degree minimum requirements towards both their undergraduate and graduate degree requirements, up to a maximum of 9 units (double counted units). However, neither senior project nor master's thesis/project units can be double counted.

SENIOR PROJECT REQUIREMENTS

Students in a blended program must complete all undergraduate requirements, including senior project requirements as detailed in the Cal Poly Catalog, along with their graduate master's degree culminating event requirements as detailed in the Cal Poly Catalog. A student can align the objectives of their senior project with the objectives of their thesis or project, if a thesis or project is the approved culminating event for the program. A thesis or project does not satisfy, replace or substitute for the undergraduate senior project requirement. Senior project requirements must be completed before a student begins their thesis or project requirements. Exceptions can be granted on an individual student basis and require the approval of the college dean or designee that is responsible for the graduate program.

Blended Programs (background)

Current Approved Programs

- Table 1 contains paired programs approved by Cal Poly (Fall 2016)

Policies

- **Coded memorandum from CO (AA-2012-01, January 12, 2012)**
 - Section 1 – “purpose of providing an accelerated pathway to a master’s degree and to enhance the undergraduate learning experience.”
 - Memorandum establishes system wide minimum processes and policies, issues not addressed in this memorandum shall be determined at the campus level.

Issues

- **GradEd does not believe the memorandum supports the idea that completing a thesis satisfies, replaces or substitutes for the undergraduate requirement of a senior/capstone experience.**
- The senior project is a cornerstone of the Cal Poly “Learn by Doing” experience and is required for all Cal Poly students receiving a baccalaureate degree. It integrates theory and application from across the student's undergraduate educational experiences. Clearly, the Senior Project experience is something that parents, students and employers expect to be part of any Cal Poly’s bachelor degree experience.

Questions

- What about other culminating events: projects or exams, do they satisfy the senior project requirement?
- The memorandum (AA-2012-01) does specify in section 8.0 that blended students who choose to not complete their master’s degree can petition for and receive their bachelor’s degree without any additional costs. How can they receive their bachelor’s degree at no additional costs if they have not taken the required senior project requirements?
- The Cal Poly Academic Programs website describes one of the advantages of blended programs is to “provide a meaningful capstone experience that in most cases integrates the senior project with the graduate thesis/project”. Many blended programs have correctly interpreted “integrates the senior project with the graduate thesis/project” to mean that a student can integrate the foundational goals and learning outcomes of both experiences. For example, a student can investigate a topic to the level necessary to demonstrate that they have achieved their senior project learning outcomes and then extend their study of the topic to the level necessary to demonstrate the educational learning outcomes required for their master’s degree culminating experience. However, some programs have incorrectly interpreted this “integration” to mean that a master’s thesis or project replaces a senior project or substitutes for a senior project. Please be sure to clearly define the learning outcomes for both experiences

(senior project and master's culminating event) in the new Academic Catalog 17-19 and ensure that students are in compliance with both of these important components of their educational experience at Cal Poly.

- Does CLOs from thesis duplicate CLOs from senior project requirements?
- What happens when a student does not complete their thesis.....but has all the UG units (tech electives were substituted for senior project)....so they get bachelor's from CP without a senior project?
- Some blended programs want to accepted students that do not have an undergraduate degree in their major. Do students from these paired programs get a pass on doing a senior project?
- This same argument of a thesis substituting or replacing a senior project could be applied to upper class courses....why take a lower class course, you can just learn what you need when you take the upper class course?
- ABET accreditation requires a senior or capstone experience; this is not in compliance with our accreditation standards?

Table 1

Cal Poly Graduate Programs
Approved Blended Paired Programs
 2/20/2017

CENG	Master's Degree	Bachelor's Degree
	Aerospace Engineering	Aerospace Engineering
	Biomedical Engineering	Biomedical Engineering
		Chemistry
		Electrical Engineering
		Mechanical Engineering
		Computer Engineering, CPE
		Materials Engineering
	Civil & Environmental	Civil Engineering
		Environmental Engineering
	Computer Science, CSC	Computer Science, CSC
		Computer Engineering, CPE
		Software Engineering, SE

	Electrical Engineering	Electrical Engineering
		Computer Engineering, CPE
	Industrial Engineering	Industrial Engineering
		Mechanical Engineering
		Materials Engineering, MATE
	Mechanical Engineering	Mechanical Engineering
		Aerospace Engineering
	Engineering w/Integrated Tech Mgmt	Industrial Engineering
		Environmental Engineering
		Manufacturing Engineering
		Mechanical Engineering
CAED	Master's Degree	Bachelor's Degree
	Architectural Engineering	ARCHE
CSM	Master's Degree	Bachelor's Degree
	Mathematics	Mathematics
	MS Polymers & Coatings	Chemistry
		Materials Engineering, MATE
CAFES	Master's Degree	Bachelor's Degree
	MS Agriculture w/Food Science	Food Science w/ Advanced Food Science Food Science w/ Applied Food Technology



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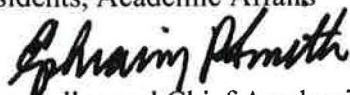
Ephraim P. Smith
Executive Vice Chancellor
and Chief Academic Officer
562-951-4710 / Fax 562-951-4986
Email esmith@calstate.edu

January 9, 2012

Code: AA-2012-01

MEMORANDUM

TO: Provosts/Vice Presidents, Academic Affairs

FROM: Ephraim P. Smith 
Executive Vice Chancellor and Chief Academic Officer

SUBJECT: "Blended" or "4 + 1" Bachelor's and Master's Degree Programs

This coded memorandum establishes systemwide minimum processes and policies pertaining to CSU undergraduate and graduate degree programs offered to students through simultaneous matriculation. Combinations that blend degree and credential programs are excluded, and issues not addressed in this memorandum shall be determined at the campus level.

Campuses are not required to offer blended programs, and the standards included herein are minimum requirements. Campuses wishing to offer blended bachelor's and master's programs will need to be aware that timely coordination is required between the academic department and the campus registrar's office to ensure accurate recording of the student's transition from undergraduate to graduate status. This will have direct consequences for student fee assessment and financial aid eligibility, as types of aid and award amounts may vary according to the student's official academic objective. Appropriate state funding to the campus will also depend on accurate recording of student transition in blended programs.

1. Authorization to Implement Blended Programs

The president or designee is authorized to implement programs blending existing baccalaureate and master's degree programs in the same support mode and for the purposes of providing an accelerated pathway to a master's degree, and to enhance the undergraduate learning experience. Campuses shall establish, monitor, and maintain appropriate academic rigor and quality.

CSU Campuses
Bakersfield
Channel Islands
Chico
Dominguez Hills
East Bay

Fresno
Fullerton
Humboldt
Long Beach
Los Angeles
Maritime Academy

Monterey Bay
Northridge
Pomona
Sacramento
San Bernardino
San Diego

San Francisco
San José
San Luis Obispo
San Marcos
Sonoma
Stanislaus

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- 1.1 Authority to grant postbaccalaureate and graduate special-action admission is provided under Title 5 section 41001:

An applicant who does not qualify for admission under the provisions of subdivisions (a) or (b), or both such subdivisions, of Section 41000, may be admitted by special action if on the basis of acceptable evidence the applicant is judged by appropriate campus authority to possess sufficient academic, professional and other potential pertinent to the applicant's educational objectives to merit such action.

- 1.2 Blended programs must meet all applicable CSU policies and state and federal laws.

2. Reporting

- 2.1 Blended bachelor's and master's degree programs will continue to use the existing CSU degree program codes (formerly "HEGIS") and Classification of Instructional Programs (CIP) codes for their component undergraduate and graduate degree programs. Unlike concurrent degree programs, new CSU degree codes will not be assigned for the blended bachelor's and master's programs.
- 2.2 To ensure that enrollments are reported accurately, the campus is required to notify Academic Programs and Policy in the Chancellor's Office, signaling an intention to implement the planned blended program. The resultant Chancellor's Office software edits will allow accurate reporting in the CSU Enrollment Reporting System (ERS), without receiving an "error" message.
- 2.3 While students in regular, non-blended, baccalaureate and graduate programs have a *degree objective code* that ranges from digits "2" to "7," students in blended programs have only the digit "9" as their degree objective code.
- 2.4 When a blended-program student has earned at least 120 semester/180 quarter units toward program completion, the campus will change the *student level code* to "5," signifying graduate standing. As these students have yet to attain either a baccalaureate or master's degree, their *degree held code* will remain as either "0" or "1." The term FTE calculation for these students will be: 12 units equals one FTES.

3. Application to Blended Programs

- 3.1 A student must apply to the blended program while in undergraduate status and will be admitted as an undergraduate to the bachelor's component of the blended program.
- 3.2 Students shall not be required to apply formally for graduate admission.

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4. Enrollment and Enrollment Status

- 4.1 While in undergraduate status, a student in a blended program will take graduate-level courses required for the master's degree.
- 4.2 At the end of the first academic term in which blended-program students have earned at least 120 semester/180 quarter units (the minimum required for the regular baccalaureate major degree program), the campus will change the student-level codes to "5," signifying graduate degree objective status.
- 4.3 Units considered toward meeting this degree-objective status threshold may include either undergraduate or graduate, and shall include only those units that count toward satisfying either the bachelor's or master's requirements in the blended program.
- 4.4 To ensure proper awarding of degree credit, all *lower-division* work (including lower-division general education courses and American Institutions courses) shall be completed prior to changing to graduate degree objective status.

5. International (F-1 Visa Holder) Students

A letter must be submitted to the appropriate office on campus to indicate the change of degree status for international students. This requirement is related to the students' need to maintain full-time status, as the number of units required for full-time status is different at the undergraduate level and graduate level.

6. Tuition Fees

- 6.1 A student will be assessed the undergraduate State University Tuition Fee only during the time in which the blended-program student has earned fewer than 120 semester/180 quarter units applicable to the blended bachelor's and master's degree programs.
- 6.2 When the *degree-objective status* is changed to "graduate," the student will be assessed the graduate student fee, and may continue to take upper-division undergraduate courses.
- 6.3 Students in a master's degree program that has been authorized to assess the higher graduate professional degree ("MBA Fee") will only be charged that tuition fee for courses required to complete the fee-approved master's degree program.

7. Minimum Requirements for Completion of Blended Programs

A minimum of 150 semester units (120 + 30) or 225 quarter units (BS 180 + MS 45) are required in blended programs.

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8. Provision for Completing the Baccalaureate Portion Only

If a student in a blended program opts not to complete the master's program but does complete the undergraduate degree requirements, undergraduate matriculation shall be re-opened in order to grant the baccalaureate degree. There shall be no related cost to the student nor refund of previous graduate fees paid.

9. Awarding of Degrees

Both degrees may be awarded during the same term and at a single graduation ceremony, as authorized by Executive Order 702 (<http://www.calstate.edu/EO/EO-971.html>).

Students are evaluated for Latin honors based on the first 120 semester units or 180 quarter units (i.e. the time period of undergraduate degree objective), regardless of the number of graduate courses taken prior to the transition to graduate status.

For questions regarding Enrollment Reporting System coding, please contact Dr. Philip Garcia at (562) 951-4764 or pgarcia@calstate.edu. Admission questions and Common Management System issues may be directed to Mr. Eric Forbes at (562) 951-4744 or eforbes@calstate.edu. Financial aid questions should be addressed to Mr. Dean Kulju at (562) 951-4737 or dkulju@calstate.edu. Dr. Christine Mallon may be reached at (562) 951-4672 or cmallon@calstate.edu to answer questions related to curriculum.

ES/clm

- c: Dr. Ron Vogel, Associate Vice Chancellor, Academic Affairs
Dr. James Postma, Chair, Academic Senate, CSU
Dr. Philip Garcia, Senior Director, Analytic Studies
Mr. Eric Forbes, Assistant Vice Chancellor, Student Academic Support
Dr. Marsha Hirano-Nakanishi, Assistant Vice Chancellor, Academic Research and Resources
Dr. Christine Mallon, State University Dean, Academic Programs and Policy
Dr. Beverly Young, Assistant Vice Chancellor, Teacher Education and Public School Programs
Campus Academic Senate Chairs
Associate Provosts/Associate Vice Presidents, Academic Affairs
Deans, Graduate Studies
Directors, Admission and Records